

10/90/90
JC993 U.S. PTO

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 004524.P030
(maximum 12 characters)

First Named Inventor Jun Shan Wey

Title: MODE SCRAMBLER

Express Mail Label No. EL431685434US

jc997 u.s. pro
09/876535
06/06/01

ADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant Claims Small Entity Status. (37 CFR 1.27)
3. Specification (Total Pages 13)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawings(s) (35 USC 113) (Total Sheets 3)
5. Oath or Declaration (Total Pages 6)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. Unsigned.
6. Application Data Sheet. (37 CFR 1.76)
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
 10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 b. Power of Attorney
 11. _____ English Translation Document (if applicable)
 12. _____ a. Information Disclosure Statement (IDS)/PTO-1449
 _____ b. Copies of IDS Citations
 13. _____ **Preliminary Amendment**
 14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
 15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
 16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
 17. Other: Certificate of mailing with copy of return postcard signed by attorney

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
 Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
 (which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____),
 which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____ (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
 For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the
 assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment
 recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of
 which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Jan Carol Little
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Jan Carol Little Registration No.: 41,181
 Signatur : Jan Carol Little Date: June 6, 2001

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Jun Shan Wey
Title MODE SCRAMBLER

Attorney Docket No. 004524.P030

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

June 6, 2001

Date


Jan Carol Little

Signature

Jan Carol Little

Typed or Printed Name

41,181

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

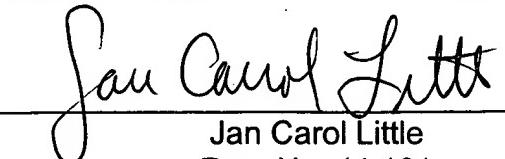
Send to: Assistant Commissioner for Patents, Washington, D.C. 20231

MODE SCRAMBLER

Inventors: Jun Shan Wey; Mark Lewis Plett; Steven Andrew Cashion; Gerald Nykolak; and Robert Michael Pierce

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP


Jan Carol Little
 Jan Carol Little
 Reg. No. 41,181

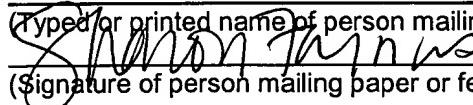
"Express Mail" mailing label number: EL431685434US

Date of Deposit: June 6, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Sharon Farnus

(Typed or printed name of person mailing paper or fee)


 (Signature of person mailing paper or fee)

6-6-01
 (Date signed)

Serial/Patent No.: New Application

Filing/Issue Date: Herewith

Client: Terabeam Corporation

Title: MODE SCRAMBLER

BSTZ File No.: 4524.P030

Atty/Secty Initials: JCL:sef

Date Mailed: 6-6-01

Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | | |
|--|---|--|
| <input type="checkbox"/> Amendment/Response (<u> </u> pgs.) | <input type="checkbox"/> Express Mail No.: <u>EL431685434US</u> | <input type="checkbox"/> Check No. <u>1304</u> |
| <input type="checkbox"/> Appeal Brief (<u> </u> pgs.) (in triplicate) | <input type="checkbox"/> Month(s) Extension of Time | Amt: <u>\$750.00</u> |
| <input checked="" type="checkbox"/> Application - Utility (<u>13</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-149 (<u> </u> pgs.) | <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (<u> </u> pgs.) | <input type="checkbox"/> Issue Fee Transmittal | Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (<u> </u> pgs.) | <input type="checkbox"/> Notice of Appeal | |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (<u> </u> pgs.) | <input type="checkbox"/> Petition for Extension of Time | |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (<u> </u> pgs.) | <input type="checkbox"/> Petition for _____ | |
| <input type="checkbox"/> Application - Design (<u> </u> pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - PCT (<u> </u> pgs.) | <input type="checkbox"/> Power of Attorney (<u> </u> pgs.) | |
| <input type="checkbox"/> Application - Provisional (<u> </u> pgs.) | <input type="checkbox"/> Preliminary Amendment (<u> </u> pgs.) | |
| <input checked="" type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (<u> </u> pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input checked="" type="checkbox"/> Declaration & POA (<u>6</u> pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Invents Signed Letter (<u> </u> pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate | |
| <input checked="" type="checkbox"/> Drawings: <u>3</u> # of sheets includes <u>4</u> figures | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate | |
|
<input checked="" type="checkbox"/> Other: <u>Certificate of mailing with copy of return postcard signed by attorney; Request and Certification under 35 USC ... 122(b)(2)(B)(i)</u> | | |

FEE TRANSMITTAL FOR FY 2001**TOTAL AMOUNT OF PAYMENT (\$)** \$750.00**Complete if Known:**

Application No. not yet assigned
 Filing Date herewith
 First Named Inventor Jun Shan Wey
 Group Art Unit not yet assigned
 Examiner Name not yet assigned
 Attorney Docket No. 004524.P030

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check

 Credit Card

 Money Order

 Other

FEE CALCULATION**1. BASIC FILING FEE**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
Utility application filing fee			
Design application filing fee			
Plant filing fee			
Reissue filing fee			
Provisional application filing fee			

SUBTOTAL (1) \$ 710.00**2. EXTRA CLAIM FEES**

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>16</u>	- 20** = <u>0</u>	X	=
Independent Claims <u>2</u>	- 3** = <u>0</u>	X	=
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
103	18	203	9
102	80	202	40
104	270	204	135
109	80	209	40
110	18	210	9
Claims in excess of 20			
Independent claims in excess of 3			
Multiple dependent claim, if not paid			
**R issue independent claims over original patent			
**Reissue claims in excess of 20 and over original patent			

SUBTOTAL (2) \$ 0.00**FEE CALCULATION (continued)**

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>			
F	F	F	F	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for ex parte reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	390	216	195	Extension for reply within second month
117	890	217	445	Extension for reply within third month
118	1,390	218	695	Extension for reply within fourth month
128	1,890	228	945	Extension for reply within fifth month
119	310	219	155	Notice of Appeal
120	310	220	155	Filing a brief in support of an appeal
121	270	221	135	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive – unavoidable
141	1,240	241	620	Petition to revive - unintentional
142	1,240	242	620	Utility issue fee (or reissue)
143	440	243	220	Design issue fee
144	600	244	300	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))
179	710	279	355	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application
195	300	195	300	Publication fee for early, voluntary, or normal publication
196	300	196	300	Publication fee for republication
194	130	194	130	Request for voluntary publication or republication
098	130	098	130	Processing fee under 37 CFR 1.17(i)
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

***Reduced by Basic Filing Fee Paid**

SUBMITTED BY:

Typed or Printed Name:

Jan Carol Little

Signature:

Date: June 6, 2001

Reg. Number: 41 181

Telephone Number: 425-827-8600

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.